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(PCT Article 36 and Rule 70)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Applicant's or agent's file reference	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
PCT 20974Y International application No.	International filing date (day/mor			
international application 140.	micriational fining date (auy/mor	I I I I I I I I I I I I I I I I I I I		
PCT/US03/11956	17 April 2003 (17.04.2003)	18 April 2002 (18.04.2002)		
International Patent Classification (IPC)	or national classification and IPC			
IPC(7): C07D 413/06 and US Cl.: 544/1	32			
Applicant				
MERCK & CO., INC.		:		
Examining Authority and	nary examination report has been is transmitted to the applicant as a total of 4 sheets, including			
2. This real of the commission of	a comi or bacca, merading	- MIN 00 101 00000		
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).				
These annexes consist of a	a total of sheets.			
This report contains indicate	ations relating to the following	items:		
Basis of the rep	ort			
II Priority				
III Non-establishm	ent of report with regard to nov	velty, inventive step and industrial applicability		
IV Lack of unity of	-			
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
VI Certain documents cited				
VII Certain defects				
	tions on the international applications			
	vii mit inversion uppn			
Date of submission of the demand	Dota	of completion of this report		
Duw of buominosion of the demand	Date	or compression or and report		
07 November 2003 (07.11.2003)	11 D	ecember 2003 (11.12.2003)		
Name and mailing address of the IPEA/	US Autho	orized officer		
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents				
P.O. Box 1450				
Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230 Telephone No. 703,308-1235				
Form PCT/IPEA/409 (cover sheet)(July 1	998)	<u> </u>		

INTERNATIONAL	DDET TAMMADV	TYAMINATION	REPORT
THE PROPERTY OF THE PROPERTY O		INTERIOR AND IN	TOTAL CALL

International application No.	
PCT/US03/11956	

I.	Basi	s of the report		
1.	With	regard to the elements of the international application:*		
	\boxtimes	the international application as originally filed.		
	\boxtimes	the description:		
		pages 1-8 as originally filed		
		pages NONE , filed with the demand		
		pages NONE, filed with the letter of		
	\bowtie	the claims:		
		pages 9-12 , as originally filed		
		pages NONE , as amended (together with any statement) under Article 19		
		pages NONE , filed with the demand		
		pages NONE , filed with the letter of		
	\boxtimes	the drawings:		
		pages none , as originally filed		
	.•	pages NONE , filed with the demand pages NONE , filed with the letter of		
	Ш	the sequence listing part of the description:		
		pages NONE , as originally filed		
		pages NONE , filed with the demand pages NONE , filed with the letter of		
2	V 17:41	regard to the language, all the elements marked above were available or furnished to this Authority in the		
۷.	laner	uage in which the international application was filed, unless otherwise indicated under this item.		
	Thes	e elements were available or furnished to this Authority in the following language which is:		
		the language of a translation furnished for the purposes of international search (under Rule23.1(b)).		
	H	the language of publication of the international application (under Rule 48.3(b)).		
	H	the language of the translation furnished for the purposes of international preliminary examination(under Rules		
	لــا	55.2 and/or 55.3).		
3.	Witl	h regard to any nucleotide and/or amino acid sequence disclosed in the international application, the		
	inter	national preliminary examination was carried out on the basis of the sequence listing:		
		contained in the international application in printed form.		
		filed together with the international application in computer readable form.		
		furnished subsequently to this Authority in written form.		
	\Box	furnished subsequently to this Authority in computer readable form.		
	П	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the		
		international application as filed has been furnished.		
		The statement that the information recorded in computer readable form is identical to the written sequence listing		
		has been furnished.		
4.	\boxtimes	The amendments have resulted in the cancellation of:		
		the description, pages none		
		the claims, Nos. none		
		the drawings, sheets/fig none		
-		This report has been established as if (some of) the amendments had not been made, since they have been considered to go		
5.	L J	beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**		
* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in				
th	is repo	ort as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).		
**	Any I	replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.		

Form PCT/IPEA/409 (Box I) (July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US03/11956

	on-establishment of opinion with regard to novelty, inventive step and industrial applicability							
1. The question whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been and will not be examined in respect of:								
	the entire international application,							
\bowtie	claims Nos. 1,6,7,10,12 and 13							
becau	cause:							
	the said international application, or the said claim Nos relate to the following subject matter which does not require international preliminary examination (specify):							
	;							
	;							
	the description, claims or drawings (indicate particular elements below) or said claims Nos are so uncleathat no meaningful opinion could be formed (specify):							
	the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed.							
	no international search report has been established for said claims Nos. 1,6,7,10,12 and 13							
2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:								
	the written form has not been furnished or does not comply with the standard.							
	the computer readable form has not been furnished or does not comply with the standard.							
TOO man	/TPFA/409 (Box III) (July 1998)							

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International application No. PCT/US03/11956

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1. STATEMENT				
Novelty (N)	Claims	2-5,8,9,11 and 14	YES	
		NONE	NO	
Inventive Step (IS)	Claime	2-5,8,9,11 and 14	YES	
inventive step (15)		NONE	NO	
Industrial Applicability (IA)		2-5,8,9,11 and 14	YES NO	
	Çiaims	NONE	NO	
use as an intermediate in the preparation of known i	medicinal com	ounas.		

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